



IFWO

## RAW SEQUENCE LISTING

DATE: 08/06/2004

PATENT APPLICATION: US/10/804,219

TIME: 10:56:27

Input Set : A:\58187109.app

Output Set: N:\CRF4\08062004\J804219.raw

3 <110> APPLICANT: CHAUDHARY, SARITA  
 4 VAN ROOIJEN, GIJS  
 5 MOLONEY, MAURICE  
 6 SINGH, SURINDER  
 8 <120> TITLE OF INVENTION: FLAX SEED SPECIFIC PROMOTERS  
 10 <130> FILE REFERENCE: 058187-0109  
 12 <140> CURRENT APPLICATION NUMBER: 10/804,219  
 13 <141> CURRENT FILING DATE: 2004-03-19  
 15 <150> PRIOR APPLICATION NUMBER: 09/645,593  
 16 <151> PRIOR FILING DATE: 2000-08-25  
 18 <150> PRIOR APPLICATION NUMBER: 60/151,044  
 19 <151> PRIOR FILING DATE: 1999-08-27  
 21 <150> PRIOR APPLICATION NUMBER: 60/161,722  
 22 <151> PRIOR FILING DATE: 1999-10-27  
 24 <160> NUMBER OF SEQ ID NOS: 25  
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 46 agactagcat tccgttccca cacagagttg ggaatttgta ccaaataccaa cacttgctcg 180  
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P.6

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78 gtctcaaggt ataacgactc ggagcgacga gccctttgct tccaatggac gggttgcatt 1140
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92 ttcaaaaattt gaactttaat actatgtttt tatatagttt agtatatctt aatttttatg 1560
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104 cgtggcatag actcccgcca cgtgtccatt ccacctcatt acctcacccc caccgttcac 1920
106 ctcttattat atcacaacaa tcaatcaatc ctactcctcc atactcgaac aaatccgacc 1980
108 aacttatacc aatattccca aacttgatta atttctcagc aat atg gat cag acg 2035
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110                                     1
112 cac cag aca tac gcc gga acc acg cag aac ccg agc tat ggc ggc ggg 2083
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114 5 10 15 20
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117 Gly Thr Met Tyr Gln Gln Gln Pro Arg Ser Tyr Gln Ala Val Lys
118 25 30 35
120 gcg gcc act gca gcc acc gcg ggt gga tcc ctg atc gtt ctg tcc ggt 2179
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122 40 45 50
124 ctg atc ctt acg gcc acc gtc att tca ctg atc ata gcc acc cct ctg 2227
125 Leu Ile Leu Thr Ala Thr Val Ile Ser Leu Ile Ile Ala Thr Pro Leu
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129 Leu Val Ile Phe Ser Pro Val Leu Val Pro Ala Leu Ile Thr Val Gly
130 70 75 80
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137 Val Thr Val Leu Ser Trp Ile Tyr Arg
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151 Tyr
152 110

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158 tcg aag ctg gcc gga aag gcc agg gag gtg aag gac agg gcg tcg gag 2825
159 Ser Lys Leu Ala Gly Lys Ala Arg Glu Val Lys Asp Arg Ala Ser Glu
160          130          135          140
162 ttc gca cag cag cat gtc aca ggt ggt caa cag acc tct taa 2867
163 Phe Ala Gln Gln His Val Thr Gly Gly Gln Gln Thr Ser
164          145          150          155
166 agagagtcct ctagttaaatt tgggtcttcgt ttctgtttctg tggcggttg taaactctct 2927
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208 gggatgacta ggcacagaga aatgaaatct aattctagaa gtaaaacctt attttcccat 4187
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227 Gln Ala Val Lys Ala Ala Thr Ala Ala Thr Ala Gly Gly Ser Leu Ile
228 35 40 45
230 Val Leu Ser Gly Leu Ile Leu Thr Ala Thr Val Ile Ser Leu Ile Ile
231 50 55 60
233 Ala Thr Pro Leu Leu Val Ile Phe Ser Pro Val Leu Val Pro Ala Leu
234 65 70 75 80
236 Ile Thr Val Gly Leu Leu Ile Thr Gly Phe Leu Ala Ser Gly Gly Phe

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280 gagtctactc gttcatgggg catcgcaaaag gtttgcttc atgttctgct accagccagc 360
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284 gtctcgacac ttcaccatat ggatgtttaa aacgtatata acgagtgcga tctacatgtc 480
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288 cgacttgccc tctcgataat ttaatctttt tttctcttca gctgattgtg tgcattccatt 600
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320 aagaacttta atataaaaat cattcaaaac gagaaactga taacaaaaac aaagcaaacg 1560
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328 ccttttaaaga accaccacgc cacctccctc tcacaaacac tcataaaaaa accacctctt 1800
330 gcattttctc caagttcaaa ttagttcaca gctaagcaag aactcaacaa ca atg gcg 1858
331                                     Met Ala
332                                     1
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338 tat ccc acc ggc ggg gct ttc ggc cgt tat gaa ggt gga ctc aaa ggc 1954
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340      20      25      30
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344      35      40      45      50
346 gtg tta gca gtc atg acc gcg ctc ccc atc ggc ggg acc ctc ctt gcc 2050
347 Val Leu Ala Val Met Thr Ala Leu Pro Ile Gly Gly Thr Leu Leu Ala
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350 ttg gcc ggg ata acc ttg gct ggg acg atg atc ggg ctg gcg atc acc 2098
351 Leu Ala Gly Ile Thr Leu Ala Gly Thr Met Ile Gly Leu Ala Ile Thr
352      70      75      80
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356      85      90      95
358 ctc atc ggg ttt gcc gtg agc gcg ttt ctg gcc tcg ggg atg gcc ggg 2194
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363 Leu Thr Gly Leu Thr Ser Leu Ser Trp Phe Ala Arg Tyr Leu Gln Gln
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367 Ala Gly Gln Gly Val Gly Val Gly Val Pro Asp Ser Phe Glu Gln Ala
368      135     140     145
370 aag agg cgc atg cag gat gct gct ggg tat atg ggg cag aag acc aag 2338
371 Lys Arg Arg Met Gln Asp Ala Ala Gly Tyr Met Gly Gln Lys Thr Lys
372      150     155     160
374 gaa gtt ggg cag gag atc cag agg aag tct cag gat gtg aaa gca tca 2386
375 Glu Val Gly Gln Glu Ile Gln Arg Lys Ser Gln Asp Val Lys Ala Ser
376      165     170     175
378 gac aaa taa ggtgataata aggggttttg ggttcgtgtg taaactggtg 2435
379 Asp Lys
380      180
382 aaatggaaat tctgggtttt actgtacttt tgcatgtagt ggaatgaatg agttcttggt 2495
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390 ttggatttgg aaaaaagatg aaaccttttag aataaattac aacgatggca gattgtacaa 2735
392 aactggagtc gagatcatgt aaattagccc ataactaaga accggcgatg acaacaatta 2795
394 ctaggaatat gggtgttggg ctggtcggcg gctagcgggtg atgatttggg agaatcgggg 2855

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:10; Xaa Pos. 11

## VERIFICATION SUMMARY

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L:529 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6  
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L:1285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:4349  
L:1287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:4409  
L:1289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:4469  
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